

Claims

- [c1] 1.A pedal arrangement in a vehicle cab, said arrangement comprising:
a support fixed in the cab;
at least one pedal arm journaled in the support for pivoting about a pivot axis
paced from the two ends of the pedal arm;
foot plate fixed to a portion of the pedal arm on one side of the pivot axis;
motion-transmitting element that is joined firstly to the portion of the pedal
arm on the other side of the pivot axis from the foot plate and secondly to a
pivotally mounted lever that is configured so that pivotation thereof actuates an
operating device fixed to an element spaced from the support;
the motion-transmitting element is disposed so that the distance between its
attachment points to the respective arms is maintained at least substantially
constant when there is a tensile force on the element and is allowed to be
shortened when there is compressive force on the element.
- [c2] 2. The pedal arrangement according to claim 1 , further comprising:
the motion-transmitting element is an elongated flexible element.
- [c3] 3. The pedal arrangement according to claim 1 further comprising:
the motion-transmitting element is a metal cable.
- [c4] 4.The pedal arrangement according to C claim 1 further comprising:
the motion-transmitting element is rigidly fixed to at least one of the pedal arm
and the lever, and is pivotally joined to the other of the two arms.
- [c5] 5. The pedal arrangement according to C claim 1 further comprising:
the motion-transmitting element is rigidly fixed both to the pedal arm and to
the lever.
- [c6] 6. The pedal arrangement according to C claim 1 further comprising:
the lever is joined to a rocker arm, which, when the lever is pivoted, acts on an
actuator rod for a brake servo unit, which is located on the outside of an
intermediate wall on the inside of which the support is located spaced from the
intermediate wall.

[c7] 7. A pedal arrangement for a vehicle, said arrangement comprising:
a pedal arm arranged to be pivotally connected to a carrying vehicle at a pivot point located on the pedal arm, the pivot point being positioned between an upper end and a lower end of the pedal arm; and
a motion-transmitting element connectable between the pedal arm and a pedal actuated operating device, the motion-transmitting element being capable of supporting tensile forces imposed thereupon, and collapsing under compressive forces imposed thereupon.

[c8] 8. A brake pedal arrangement in a vehicle, said arrangement comprising:
a brake pedal arm pivotally connected to a carrying vehicle at a pivot point located on the brake pedal arm, the pivot point being positioned between an upper end and a lower end of the brake pedal arm; and
a motion-transmitting element connected between the brake pedal arm and a pedal actuated operating device, the motion-transmitting element supporting tensile forces imposed thereupon, and collapsing under compressive forces imposed thereupon.

[c9] 9. The brake pedal arrangement according to c claim 1 further comprising:
the motion-transmitting element being a cable.

[c10] 10. The brake pedal arrangement according to c claim 1 further comprising:
the motion-transmitting element being a bendable member.

[c11] 11. The brake pedal arrangement according to c claim 1 further comprising:
the motion-transmitting element being a telescoping member.

[c12] 12. The brake pedal arrangement according to c claim 1 further comprising:
the telescoping member being pivotally connected to the brake pedal arm.

[c13] 13. The brake pedal arrangement according to c claim 1 further comprising:
the telescoping member being welded at least at one end thereof between the brake pedal arm and the pedal actuated operating device.

[c14] 14. The brake pedal arrangement according to c claim 1 further comprising:

the motion-transmitting element being fixed at least at one end thereof
between the brake pedal arm and the pedal actuated operating device.

[c15] 15. The brake pedal arrangement according to c claim 1 further comprising:
the motion-transmitting element being welded at least at one end thereof
between the brake pedal arm and the pedal actuated operating device.

[c16] 16. The brake pedal arrangement according to c claim 1 further comprising:
the motion-transmitting element being pivotally connected at least at one end
thereof between the brake pedal arm and the pedal actuated operating device.

[c17] 17. The brake pedal arrangement according to c claim 1 further comprising:
the pedal actuated operating device being a pressure actuated servo unit for
affecting brake pressure application.